

Arachidonoyl 2'-fluoroethylamide: sc-202469



The Power to Question

MATERIAL SAFETY DATA SHEET

SECTION I - Product Identification

Product Name: Arachidonoyl 2'-fluoroethylamide
Catalog Number: sc-202469
Chemical Formula: C22H36NOF
Hazard Label: Health: 2
Flammability: 2
Molecular Weight: 349.50
Reactivity: 0
Synonyms: N-(2-fluoroethyl)-5Z,8Z,11Z,14Z-eicosatetraenamide; 2-fluoro AEA; 2-fluoro Anandamide
Chemical Family: Lipid Neurotransmitters

Supplier: Santa Cruz Biotechnology, Inc.
2145 Delaware Avenue
Santa Cruz, CA 95060
800.457.3801 or 831.457.3800

Emergency: ChemWatch
Within the US & Canada: 877-715-9305
Outside the US & Canada: +800 2436 2255
(1-800-CHEMCALL) or call +613 9573 3112

SECTION II - Hazardous Ingredients/Identity Information

<i>Hazardous Components</i> (Specific Chemical Identity/Common Name)	<i>CAS #</i>	<i>OSHA</i> <i>PEL</i>	<i>ACGIH</i> <i>TLV</i>	<i>Other</i> <i>Limits</i>	<i>Percentage</i>
Arachidonyl 2-Fluoroethylamide	166100-37-4				100.0

SECTION III - Physical/Chemical Characteristics

Boiling Point: NE or NA Specific Gravity (Water = 1): NE or NA Melting Point: NE or NA Vapor Pressure (mm Hg): . . . NE or NA
Vapor Density (Air=1): . . . NE or NA Physical States: [] Gas Evaporation Rate: NE or NA [X] Liquid (Butyl Acetate=1) []
Solid Solubility In Water: Soluble in ethanol, DMSO, & DMF. Percent Volatile: NE or NA Appearance and Odor:
A clear, yellow solution.

SECTION IV - Fire and Explosion Hazard Data

Flash Pt: NE or NA Method Used: See note below
Explosive Limits: LEL: UEL:
Autoignition Pt: NE or NA Extinguishing Media:
Use alcohol foam, carbon dioxide, or water spray when fighting fires involving this material.
Special Fire Fighting Procedures:
Note: Flammable as diluted in ethanol.
Unusual Fire and Explosion Hazards:

SECTION V - Reactivity Data

Stability: Unstable [] Stable [X]
Conditions To Avoid - Instability:
Incompatibility - Materials To Avoid:
Hazardous Decomposition Or Byproducts:
Hazardous Polymerization: May occur [] Will not occur [X]
Conditions To Avoid - Hazardous Polymerization:

SECTION VI - Health Hazard Data

Route(s) of Entry: Inhalation? Yes , Skin? Yes , Eyes? Yes , Ingestion? Yes , Other:
Health Hazards (Acute and Chronic):
Contact may cause skin or eye irritation.
The toxicological properties of this compound have not been fully evaluated.
Carcinogenicity: NTP? No , IARC Monographs? No , OSHA Regulated? No
Carcinogenicity/Other Information:
Recommended Exposure Limits: LD 50/LC 50:
Signs and Symptoms Of Exposure:
Irritating to the skin, eyes, nose, throat, and respiratory tract.
Medical Conditions Generally Aggravated By Exposure:
Emergency and First Aid Procedures:
If inhaled remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel.

Get immediate medical attention.

If swallowed, wash out mouth with water provided person is conscious. Never give anything by mouth to an unconscious person.

Get medical attention.

In case of contact with eyes, hold eyelids apart and flush eyes with plenty of water. After initial flushings, remove any contact lenses and continue flushing for at least 15 minutes. Have eyes examined and tested by medical personnel.

In case of skin contact, immediately wash skin with soap and plenty of water. Remove contaminated clothing. Get medical attention if symptoms occur. Wash clothing before reuse.

SECTION VII - Precautions for Safe Handling and Use

Steps To Be Taken In Case Material Is Released Or Spilled:

Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container.

After removal, ventilate contaminated area and flush thoroughly with water.

Waste Disposal Method:

Dispose in accordance with local, state and federal regulations.

Hazard Label Information:

Precautions To Be Taken in Handling and Storing:

Avoid contact with eyes, skin, and clothing.

Do not reuse this container.

Store at correct temperature.

Use with adequate ventilation.

Wash thoroughly after handling.

Other Precautions:

Avoid contact with skin and eyes. Do not reuse this container.

Use with adequate ventilation. Wash thoroughly after handling.

SECTION VIII- Control Measures

Protective Equipment Summary - Hazard Label Information

Respiratory Equipment (Specify Type):

Ventilation:

Good general ventilation should be sufficient to control airborne levels.

Eye Protection:

Safety glasses

Protective Gloves:

Latex disposable gloves

Other Protective Clothing:

Lab coat

Work/Hygienic/Maintenance Practices:

Do not take internally.

Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

Wash thoroughly after handling.

Acid resistant gloves Lab coat Latex disposable gloves

Safety glasses Safety shower in work area Vent Hood

SECTION IX - Additional Comments

The above information is believed to be correct but does not purport to be complete and should be used only as a guide. The burden of safe use of this material rests entirely with the user.

8/6/2010